

The Files

13 September 1960

**Trip Report - Facility Inspection of  
General Electric Co., Lynchburg, Va.**

1. A facilities inspection of the communications products department of General Electric at Lynchburg, Virginia, was made on 1 September 1960. Present for discussions were:

Mr. Arthur C. Gunn - GE  
Mr. Robert F. Stone - GE  
Dr. D.C. Pinkerton - GE  
[redacted] - OC-E/R+D-EP

Mr. Stone is a sales representative, Mr. Gunn is manager of Military Engineering at Lynchburg, and Mr. Pinkerton is manager of the Advance Engineering Group which functions as a research support group for the other engineering groups. A total of 250 engineers is employed in the communications products department. See attached table of organization.

2. The Engineering Section is adequately supplied with the necessary support groups such as model shops, drafting, crystal labs, plastics, plating, heat treating, and a factory employing approximately 2,200 people.

3. One of the attached brochures describes the Thin Route Tropo-Scatter System being developed at GE, Lynchburg. This system has evolved from the Air Force contract for the development of the AN/FRC-47 Long Distance Single Sideband Tropospheric Scatter Propagation System. In fact, the receiver front ends and the local oscillators in the two systems are identical. As a matter of interest parametric amplifiers are being added to the AN/FRC-47 receiver front ends without enlarging the original chassis and with no displacement of original circuitry.

4. The Discom system (see brochure) is of interest in that it demonstrates a respectable capability in transistorized pulse and digital systems and extreme miniaturization.

5. The attached brochures are representative of but do not describe all of the work in progress at Lynchburg.

**Distribution:**

R+D Subject File w/attachs.  
R+D Lab w/o attachs.  
Monthly (2) w/o attachs.  
EP Chrono w/o attachs.

**Attachments:**

1. GE Lynchburg Table of Organization
2. Seven General Electric Brochures
3. Microwave & Multiplex Eqpt. Brochures
4. Mobile Eqpt. Brochures
5. Closed Circuit Television (Technical